

Clover Series – CLL124/46/68F

Product Documentation



This document includes:

01 End of life and Recovery options

Disassembly Instructions

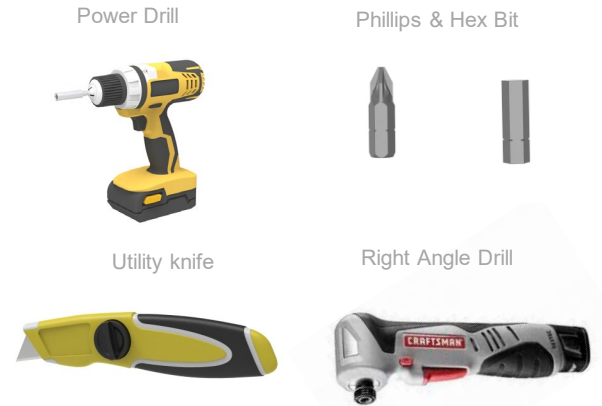
Clover Series – CLL124/46/68F

Time Required: Approximately 20 minutes

These instructions may be used to disassemble all models in the clover seating series.

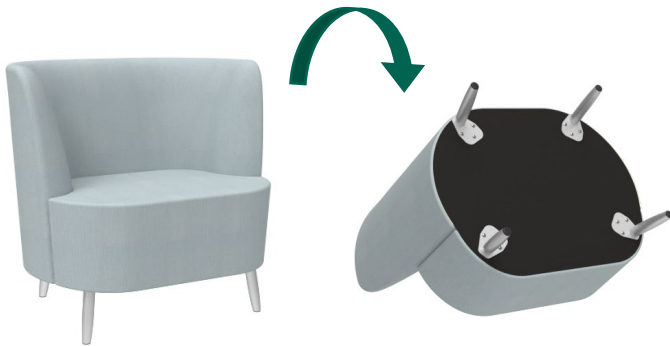


Tools Required



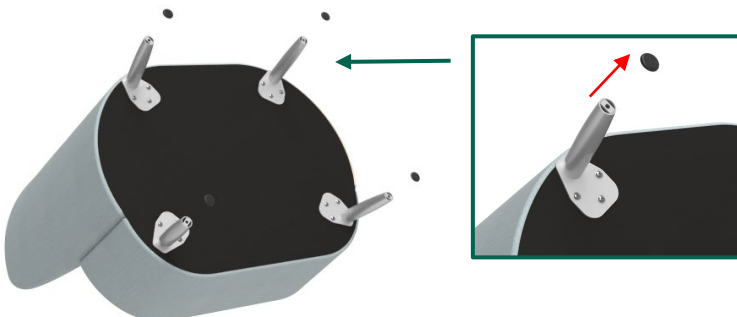
Step 1

Flip the chair over onto the seat/back exposing the bottom of the chair.



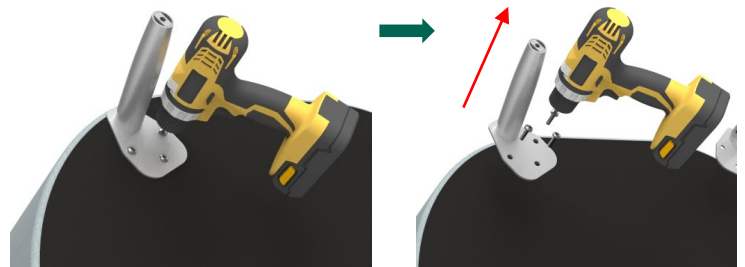
Step 2

Using a flat head screw driver or similar tool remove the glide from each of the 4 legs.



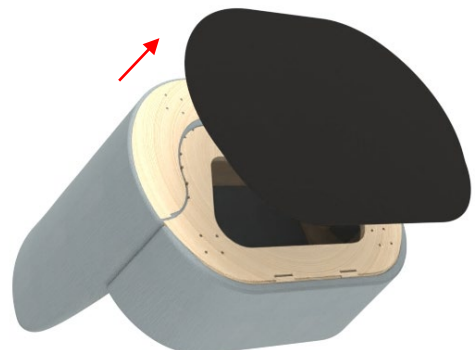
Step 3

Using the drill to remove all 4 screws at the base of each leg and then remove all 4 legs.



Step 4

Using a utility knife remove the dust cover to expose the bottom of the chair.

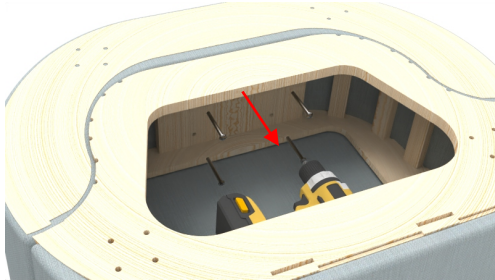
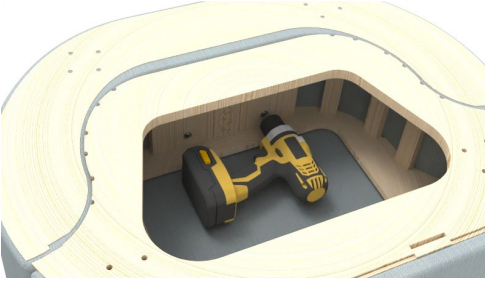


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Step 5

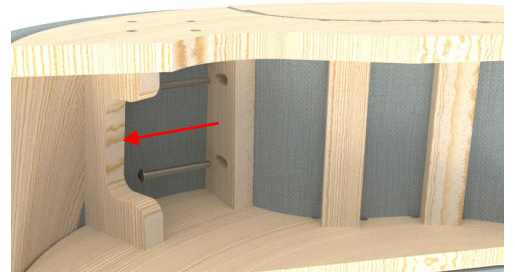
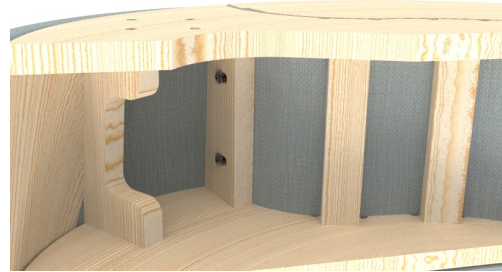
Remove the screws attaching the seat box to the back frame.



* CLL146F and CLL168F will have 8 screws.

Step 8

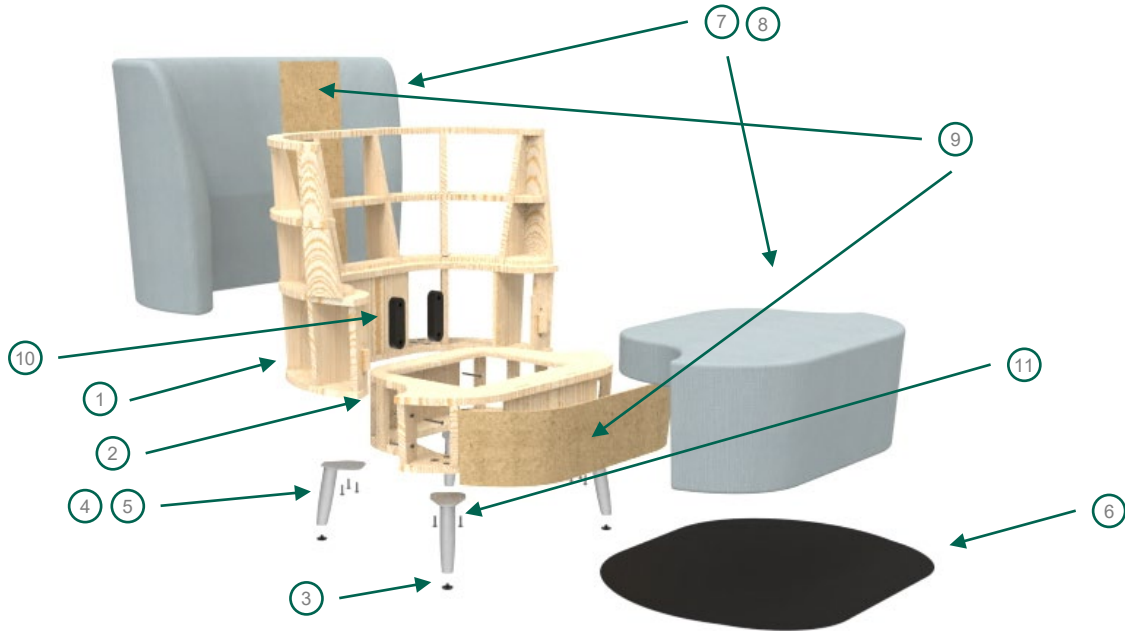
Using an angle driver or a right angle driver attachment remove the 4 screws on the far left and right sides of the seat box.



The seat box, seat and back spacer blocks, and back frame may now be separated.

Material Breakdown

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Upholstery and foam Removal



Seat and Back

Using a knife (preferably a box cutter) carefully slice the upholstery around the bottom of the seat and back frame so that the upholstery is free from the staples. Remove the upholstery. Taking the knife again, carefully slice the foam away from the wood framing of the back and seat.

Hardboard Removal

Seat frame and Back frame

Using a flat head screw driver or similar tool carefully remove the staples along the edges of the hardboard pieces. Once the staples have been removed the hardboard can be separated from the wood framing.

Number	Quantity	Component	Material
1	1	Back Frame	Plywood
2	1	Seat Frame	Plywood
3	4	Glides	Nylon
4	4	Wood Legs optional*	Hardwood/Steel
5	4	Metal Legs optional*	Steel 
6	1	Dust cover	Non-woven Polypropylene
7	2	Upholstery pieces	Vinyl or Fabric
8	2	Foam – Seat and Back	Polyurethane Foam
9	2	Seat and Back frame cover	Hardboard
10	2/4	Seat and Back spacer block	Plywood
11	Various	Staples and Various Fasteners	Steel 

End of Life Recovery Options

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Identification of Materials		Material Recovery Opportunities		
Material	Example Components	Recycling Note	Higher Value Opportunity	Lower Value Opportunity
Please visit www.recyclingmarkets.net to find a recycling outlet nearest to you				
Plastic				
Nylon (PA)	Glide	Actively recycled into raw polymer by industrial plastic recyclers. It is important to note, however, that recycled plastic markets are highly variable and acceptance of a given material fluctuates based upon multiple factors (e.g. material type, quantity, presence of contaminants, markets for that material, etc.). Recycling value is improved with greater quantities and accurate material identification (i.e. identified by base polymer, filler, and additive content)	Recycled PA Regrind	Mixed Thermoplastic Compression Molding
Polyurethane Foam	Foam cushioning	Actively recycled by foam manufacturers and recyclers into carpet padding.	Recycled Carpet Padding	
Metals - Ferrous (e.g. Steel, Iron)				
Steel	Leg (optional), Fasteners,	Actively recycled into raw ferrous metal ingot. Ferrous metals are easily separable from other materials through shredding and magnetic separation. Therefore, many metal recyclers will accept ferrous metals which contain small amounts of mixed materials (e.g. plastic, aluminum).	Recycled Steel Ingot	Off Grade Ferrous Ingot
Wood / Biobased Materials				
Plywood	Seat Frame, Back frame, Spacer block	Not currently actively recycled due to process and economic limitations. Reuse or refurbishment are currently the best options for these materials. As a low value option, the energy content can be reclaimed in a designated waste-to-energy facility equipped with proper pollution control technologies.	Not Actively Recycled (Currently)	Waste to Energy
Hardboard	Seat/Back Cover			
Hardwood	Leg (optional)			

End of Life Recovery Options

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Textiles				
Natural Fabrics	Determined by customer at time of order.	Recycling possible into non-woven fabrics.	Recycled fibers into shoddy for use in non-woven products	Landfill Disposal
Polyester Fabrics	Determined by customer at time of order.	Recycling possible into raw polymer.		
Mixed Fabrics	Determined by customer at time of order.	Recycling possible into non-woven fabrics.		
Vinyl	Determined by customer at time of order.	Recycling possible only through extraction based processes.	Recycled PVC polymer through extraction based processing	